

Gripper and vacuum technology ▶ Vacuum suction grippers

Series FSG

▶ F = 8.5 - 350 N ▶ external diameter: 14.5 - 95 mm ▶ external thread ▶ low-wear



00108460_1

Ambient temperature min./max. -40°C / +80°C
 Min./max. temporary ambient temperature (<30 s) -40°C / +100°C
 Hardness according to standard ISO 7619-1:2010 72 ± 5 Shore A
 Abrasion value according to DIN 535 16 ISO 4649:2002 10-12 mm³

Materials:
 Connector Aluminum
 Vacuum Polyurethane

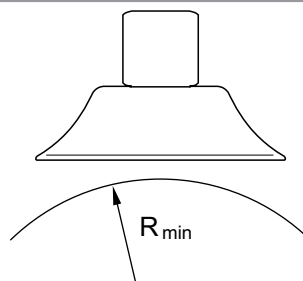
Technical Remarks

- To be used on even and smooth to slightly rough surfaces.

	Com-pressed air connection	external diameter	Holding force*)	Volume	Max. curving on object Rmin	Weight	Delivery unit	Part No.
	G 1/8	14.5	8.5	0.5	15	0.0064	1	1820455012
	G 1/8	30	32	1.7	25	0.0064		1820455013
	G 1/4	50	95	6	75	0.0149		1820455015
	G 1/4	60	130	15	75	0.0211		1820415173
	G 1/4	80	260	30	100	0.0472		1820455018
	G 1/4	95	350	42	140	0.0728		1820455111

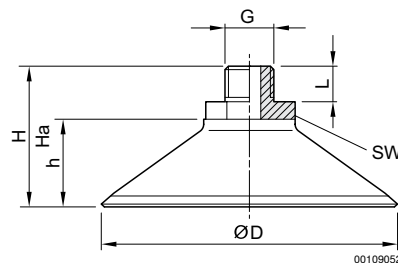
*) Theoretical value at 60% vacuum level, without safety factor

Max. curving on object Rmin



00132217

Dimensions



00109052

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Part No.	ØD	G	H	Ha*)	h	L	SW					
1820455012	14.5	G 1/8	22.5	21	9.5	8	14					
1820455013	30	G 1/8	26	23	13	8	14					
1820455015	50	G 1/4	32	27.5	17	10	17					
1820415173	60	G 1/4	33.5	27.5	18.5	10	17					
1820455018	80	G 1/4	40	34	25	10	22					
1820455111	95	G 1/4	40	34	25	10	22					

*) Height for vacuum operation
